

CLAIMS

What is claimed is:

1. A method comprising:

generating a preferred list of edge sites from a plurality of edge sites upon

receiving a media content request from a client;

providing the preferred list to the client;

requesting the media content by accessing a first edge site from the preferred list;

providing the media content from the first edge site to the client;

monitoring the providing of the media content from the first edge site to the client

for disturbance;

requesting the media content by accessing a second edge site from the preferred

list when encountering the disturbance; and

providing the media content from the second edge site to the client.
2. The method of claim 1, wherein the client comprises a viewer.
3. The method of claim 1, wherein the client comprises a listener.
4. The method of claim 1, wherein the generating the preferred list is performed by a data center, based on a predetermined criteria.
5. The method of claim 1, wherein the providing the preferred list to the client is performed by the data center.
6. The method of claim 1, wherein the requesting the media content is performed by an Intelligent Media Accessor.

7. The method of claim 6, wherein the Intelligent Media Accessor comprises software running on the client.
8. The method of claim 1 wherein the monitoring the providing of the media content is performed by the Intelligent Media Accessor.
9. The method of claim 1, wherein the disturbance comprises interruption in streaming of the media content.
10. The method of claim 1, wherein the disturbance comprises providing lower than acceptable quality of the media content.
11. A method of servicing a media request comprising:
receiving the media request for media content from a client;
generating a preferred list of edge sites from a plurality of edge sites; and
forwarding the preferred list of edge sites to the client.
12. The method of claim 11, wherein the generating of the preferred list of edge sites is based on a predetermined criteria.
13. The method of claim 12, wherein the predetermined criteria may include availability of the media content, geographical proximity of the plurality of edge sites, network availability, and quality level of the media content.
14. A method of requesting and receiving media content comprising:
requesting the media content;
receiving a preferred list of edge sites containing the media content;
requesting the media content by accessing a first edge site from the preferred list,

wherein the first edge site providing the media content;

monitoring the providing of the media content from the first edge sites for
disturbance; and
requesting the media content by accessing a second edge site from the preferred
list when encountering the disturbance.

15. The method of claim 14 further comprising:
generating the preferred list of edge sites from a plurality of edge sites, based on a
predetermined criteria, wherein the predetermined criteria may include
availability of the media content, geographical proximity of the plurality
of edge sites, network availability, and quality level of the media content.
16. The method of claim 15, wherein the disturbance comprises interruption in
streaming of the media content and lower than acceptable quality-level of the
media content.
17. A method of receiving media content comprising:
receiving a preferred list of edge sites containing the media content;
requesting the media content by accessing a first edge site from the preferred list;
monitoring disturbance in relation to the first edge site; and
requesting the media content by accessing a second edge site from the preferred
list when encountering the disturbance.
18. The method of claim 17, wherein the monitoring the disturbance comprising
monitoring for interruption in streaming of the media content.
19. The method of claim 17, wherein the monitoring the disturbance comprising
monitoring for quality-level of the media content.

20. A system comprising:
- a data center for generating a preferred list of edge sites from a plurality of edge sites, based on a predetermined criteria, upon receiving a request for media content from a media player;
 - the media player for requesting the media content; and
 - an Intelligent Media Accessor, integrated with the media player, wherein the Intelligent Media Accessor receiving the preferred list of edge sites containing the media content from the data center, requesting the media content by accessing a first edge site on the preferred list, monitoring disturbance in relation to the first edge site, and requesting the media content by accessing a second edge site on the preferred list when encountering the disturbance.
21. The system of claim 20, wherein the data center comprising a main repository of the media content.
22. The system of claim 20, wherein the data center comprising a table indicating the media content of edges sites on the preferred list of edge sites.
23. The system of claim 20, wherein the edges sites on the preferred list of edge sites comprising a subset of the media content of the main repository.
24. A machine-readable medium having stored thereon data representing sequences of instructions, the sequences of instructions which, when executed by a processor, cause the processor to:

generate a preferred list of edge sites from a plurality of edge sites upon receiving
a media content request from a client;
provide the preferred list to the client;
request the media content by accessing a first edge site from the preferred list;
provide the media content from the first edge site to the client;
monitor the providing of the media content from the first edge site to the client for
disturbance;
request the media content by accessing a second edge site from the preferred list
when encountering the disturbance; and
provide the media content from the second edge site to the client.

25. The machine-readable medium of claim 21, wherein the generating the preferred list is performed by a data center, based on a predetermined criteria comprising availability of the media content, geographical proximity of the plurality of edge sites, network availability, and quality-level of the media content.
26. The machine-readable medium of claim 21, wherein the providing the preferred list to the client is performed by the data center comprising a main repository of the media content and a table indicating the media content of edge sites on the preferred list of edge sites.
27. The machine-readable medium of claim 21, wherein the requesting the media content is performed by an Intelligent Media Accessor.
28. The machine-readable medium of claim 27, wherein the Intelligent Media Accessor comprises software running on the client.

29. The machine-readable medium of claim 21, wherein the disturbance comprises interruption in streaming of the media content.
30. The machine-readable medium of claim 21, wherein the disturbance comprises lower than acceptable quality-level of the media content.

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